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OFFICIAL FILING RECEIPT CHECKLIST

Attorney's Docket No. 15518-001001	Express Mail Label No. EV342625306US	Mailing Date July 10, 2003	For PTO Use Only Do Not Mark in This Area
Application No.	Filing Date July 10, 2003	Attorney/Secretary In: DPW/jxw	11
Title of the Invention TOTALLY INTER	NALLY REFLECTING	THIN, FLEXIBLE	
FILM Applicant		22	2002 U.S. РТО 10/616529
Sanford Cobb, Jr. Enclosures Reissue Patent Ap	plication Transmittal (1	pages)	
Reissue Application Patent Application 76 total claims, 1 p	on Fee Transmittal Form (3 pages of specification pages of abstract)	on, 6 pages of claims	,
Drawings (4 sheet	s) see and Offer to Surrend	er(1 pages)	
Declaration Pursu	ant to 37 CFR § 1.173 (37 CFR § 3.73(b) (copy	of Assign Record.)	
Information Disch	osure Statement (5 page	s)	

TO BE COMPLETED WHEN OFFICIAL FILING RECEIPT ARRIVES

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- () Serial numbers on the postcard and the filing receipt match
- (1) Filing dates on the postcard and filing receipt match
- () Filing fee (paid by check) and the filing fee received on the filing receipt match. If the filing fee was charged to the deposit account, the correct amount of the fee charged match
- (1) Attorney docket number on the postcard, the application and the filing receipt match
- Number of sheets of drawings in the application, number noted on the postcard, and number noted on the filing receipt match
- () Total number of claims in the application noted in the transmittal letter and on the filing receipt match
- () Number of Independent claims in the application, noted in the transmittal letter, and on the postcard match
- () Attorney named on the filing receipt and attorney named on the declaration/filing request match
- () Inventor(s) named on the filing receipt and inventor(s) named in the declaration/filing request match
- () Title noted on filing receipt and on the application match

JUL 2 3 2003

CHECKED BY: ____

Attorney's Docket No.: 15518-001001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

: Minnesota Mining and

Art Unit : Unknown

Manufacturing Company

Examiner: Unknown

Serial No.: 218,087

Patent No.: 4,906,070

Filed

: July 12, 1988

Title

TOTALLY INTERNALLY REFLECTING THIN, FLEXIBLE FILM

Commissioner for Patents Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Applicant submits copies of the following documents listed on the attached Form 1449:

- (a) Agreement dated August 20, 1984 between Minnesota Mining and Manufacturing Company ("3M") and TIR Systems Limited ("the Agreement");
 - (b) Memo dated 10/4/84 from S. Cobb to J.F. Abere;
 - (c) Memo dated 10/26/84 from R. Appeldorn to R. Adalbert et al.;
 - (d) Memo dated 11/12/84 from John C. Barnes to R.H. Appeldom.

The subject matter of the Agreement is a thin, flexible, prism light guide material. The three memos relate to the material and to the Agreement.

Applicant further submits copies of the following patents listed on the attached Form 1449:

2,175,067 Rolph

2,218,227 Winnek

2,232,551 Merton

2,248,638 Merton

2,279,555 Browne et al.

2,723,919 Pohnan

3,288,990 Stahlhut

3,689,346 Rowland

3,894,228 Cobb, Jr.

CERTIFICATE OF MAILING BY EXPRESS MAIL

Date of Deposit

Patentee : Minnesota Mining and Manufacturing Company

Patent No.: 4,906,070 Serial No.: 218,087 Filed : July 12, 1988

Page : 2 of 3

3,908,056 Anderson 4,083,626 Miyahara et al. 4,118,763 Osteen 4,120,565 Rabl et al. 4,154,219 Gupta et al. 4,235,515 Sheiman et al. 4,244,683 Rowland 4,260,220 Whitehead 4,389,085 Mori 4,422,719 Orcutt 4,466,697 Daniel 4,497,860 Brady, Jr. 4,576,850 Martens 4,615,579 Whitehead 4,805,984 Cobb 0142250A3 Europe 27-1880 Japan 28-4669 Japan 58-102904 Japan 53-57068 Japan 1426230 United Kingdom 2127344 United Kingdom

Fumio Ide & Hiroshi Terada, "Kobunshi Shinsozai One Point-2, 'Optical Fiber & Optical Materials'", edited by Japan Polymer Society, published by Kyoritsu Shuppan K.K., June 15, 1987: pp.10-14.

Attorney's Docket No.: 15518-001001

"Polycarbonate Resin Handbook" edited by Seiichi Honma, published by Nikkkan Kogyo Shinbunsha on August 28, 1992, pp 121-125.

Translations for the following references will be provided shortly:

48-7051 Japan

58-51144 Japan

49-51857 Japan

55-159304 Japan

56-77805 Japan

60-70603 Japan

Patentee : Minnesota Mining and Manufacturing Company

Patent No.: 4,906,070 Serial No.: 218,087

Filed : July 12, 1988

Page: 3 of 3

This statement is being filed with the application. Please apply any charges or credits to

Deposit Account No. 06-1050.

Respectfully submitted,

Attorney's Docket No.: 15518-001001

Date: 7/0/15

Fish & Richardson P.C., P.A. 60 South Sixth Street Suite 3300 Minneapolis, MN 55402 Telephone: (612) 335-5070

Facsimile: (612) 288-9696

60136808.doc

Dorothy P. Whelan Reg. No. 33,814

Substitute	Form	PTO-1449
(Modified)		

U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 15518-001001

Application No.

Information Disclosure Statement by Applicant (Use several sheets if necessary)

Applicant Sanford Cobb, Jr.

Filing Date

Group Art Unit

(37 CFR §1.98(b))

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
1111101	AA	2,175,067		Rolph			
	AB	2,218,227		Winnek			
	AC	2,232,551		Merton			
	AD	2,248,638		Merton			
	AE	2,279,555		Browne et al.			
	AF	2,723,919		Pohnan			
	AG	3,288,990		Stahlhut			
	AH	3,689,346		Rowland			
<u> </u>	ΑI	3,894,228		Cobb, Jr.			
	AJ	3,908,056		Anderson			
· · ·	AK	4,083,626		Miyahara et al.			
	AL	4,118,763		Osteen			
	AM	4,120,565		Rabl et al.		. *	
	AN	4,154,219		Gupta et al.		·	
	AO	4,235,515		Sheiman et al.		<u> </u>	
	AP	4,244,683		Rowland			<u> </u>
	AQ	4,260,220		Whitehead		<u> </u>	·
	AR -	4,389,085		Mori			
	AS	4,422,719		Orcutt			T
	AT	4,466,697		Daniel			
	AU	4,497,860		Brady			
	AV	4,576,850		Martens			
· .	AW	4,615,579		Whitehead		·	
	AX	4,805,984		Cobb	, ,		

	Foreign Patent Documents or Published Foreign Patent Applications								
			Document	Publication	Country or			Trans	lation
Exam		Desig.	Number	Date	Patent Office	Class	Subclass	Yes	No

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if no	t in conformance and not considered. Include copy of this form with
next communication to applicant.	Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified) U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 15518-001001	Application No.
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Sanford Cobb, Jr.	·
		Filing Date	Group Art Unit
		-	

	Foreig	n Patent Doc	uments or P	ublished Foreign l	Patent A	Application	าร	
Examiner	Desig.	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Trans Yes	lation No
Initial	AY	0 142 250	Date	Europe				
	AZ	27-1880		Japan			х	
	AAA	28-4669		Japan			Х	·
·.	ABB	48-7051		Japan				X
	ACC	49-51857		Japan				X
	ADD	53-57068		Japan			Х	
	AEE	55-159304		Japan	_			Х
	AFF	56-77805		Japan				X
	AGG	58-102904		Japan			Х	
	АНН	58-51144		Japan				Х
	AII	60-70603		Japan				X
	AJJ	1,426,230		United Kingdom				
	AKK	2,127,344		United Kingdom			<u></u>	

	Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner Initial	Desig. ID	Document
	ALL	Agreement dated August 20, 1984 between Minnesota Mining and Manufacturing Company ("3M") and TIR Systems Limited ("the Agreement")
	AMM	Memo dated 10/4/84 from S. Cobb to J.F. Abere
	ANN	Memo dated 10/26/84 from R. Appeldorn to R. Adalbert et al.
	AOO	Memo dated 11/12/84 from John C. Barnes to R.H. Appeldorn
	APP	Fumio Ide & Hiroshi Terada, "Kobunshi Shinsozai One Point-2, 'Optical Fiber & Optical Materials"; edited by Japan Polymer Society, published by Kyoritsu Shuppan K.K. on June 15, 1987, pp. 10-14.
	AQQ	"Polycarbonate Resin Handbook", edited by Seiichi Honma, published by Nikkkan Kogyo Shinbunsha on August 28, 1992, pp. 121-125.

Examiner Signature		•	Date Considered	
Examine Signature		•	•	
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EXAMINER: Initials citation considered. Draw line through cit next communication to applicant.

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Attorney's Docket No. 15518-001001	Express Mail Label No.	Mailing Date July 29, 2003	For PTO Use Only Do Not Mark in This Area
Application No. 10/616,529	Filing Date July 10, 2003	Attorney/Secretary Init DPW/jxw	
Title of the Invention TOTALLY INTER FILM	NALLY REFLECTING	THIN, FLEXIBLE	
Applicant Sanford Cobb, Jr.			
Enclosures Supplemental Infor Form PTO-1449 (2	mation Disclosure State	ement (2 pages)	1 - · Coo .
Documents listed o	on the Form PTO-1449 (6 documents)	NIE 0 1 2003
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AUG - 7 2003

Attorney's Docket No.: 15518-001001 / 40738US028

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Sanford Cobb, Jr.

Art Unit : Unknown

Examiner: Unknown

Serial No.:

: July 10, 2003

Filed Title

TOTALLY INTERNALLY REFLECTING THIN, FLEXIBLE FILM

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Applicant submits copies of the translations of the Japanese references listed on the attached form PTO-1449, which was submitted with the reissue application on July 10, 2003. Please find below a list of the attached translated documents:

Desig. IDs:

JP 48-7051

JP 49-51857

JP 58-51144

JP 55-159304

JP 56-77805

JP 60-70603

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit

Signature

Typed or Printed Name of Person Signing Certificate

Applicant: Sanford Cobb, Jr.

Serial No.:

Filed : J

: July 10, 2003

Page

: 2 of 2

Respectfully submitted,

Attorney's Docket No.: 15518-001001 / 40738US028

Date: $\eta 29/05$

Fish & Richardson P.C., P.A. 60 South Sixth Street Suite 3300 Minneapolis, MN 55402

Telephone: (612) 335-5070 Facsimile: (612) 288-9696

60153339.doc

Dorothy P. Whelan

Reg. No. 33,814

Substitute	Form PTO-1449
(Modified)	

U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. 15518-001001

Application No.

Information Disclosure Statement by Applicant

(Use several sheets if necessary)

Sanford Cobb, Jr.

Filing Date July 10, 2003

Applicant .

Group Art Unit

(37 CFR §1.98(b))

U.S. Patent Documents Filing Date Publication Document . Examiner Desig. If Appropriate Class **Subclass** ID Number Date Patentee Initial 2,175,067 Rolph AA Winnek 2,218,227 AB Merton AC 2,232,551 2,248,638 Merton AD ΑE 2,279,555 Browne et al. AF. 2,723,919 Pohnan Stahlhut 3,288,990 AG Rowland AH 3,689,346 Cobb, Jr. 3,894,228 ΑI Anderson 3,908,056 AJ Miyahara et al. 4,083,626 ΑK Osteen 4,118,763 AL Rabl et al. 4,120,565 AM Gupta et al. AN 4,154,219 4,235,515 Sheiman et al. AO Rowland 4,244,683 AP 4,260,220 Whitehead AQ 4,389,085 Mori AR 4,422,719 Orcutt AS 4,466,697 Daniel AΤ Brady AU 4,497,860 Martens ΑV 4,576,850 Whitehead 4,615,579 AW Cobb 4,805,984! $\mathbf{A}\mathbf{X}$

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner	Desig.	Document	Publication	Country or			Trans	lation
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No

Exam	iner	Signature	

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 15518-001001	Application No.	
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Sanford Cobb, Jr.		
		Filing Date July 10, 2003	Group Art Unit	

	Foreig	n Patent Doc	uments or P	ublished Foreign	Patent A	Application		
Examiner	Desig.	Document	Publication	Country or	Class	Cubalaga		lation
Initial	ID_	Number	Date	Patent Office	Class	Subclass	Yes	No
	AY	0 142 250	*	Europe	· ·			
	AZ	27-1880		Japan		- 32	Х	
	AAA	28-4669		Japan			X	
	ABB	48-7051		Japan			X	
	ACC	49-51857	· .	Japan			X	
	ADD	53-57068		Japan			X	
	AEE	55-159304		Japan			X	
	AFF	56-77805		Japan			X.	•.
	AGG	58-102904		Japan			X	
	АНН	58-51144		Japan			Х	
	AII	60-70603		Japan			х	
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Substitute Disclosure Form (PTO-1449)